Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (Currently Amended) A shock history data creating apparatus comprising:

shock detecting means of detecting (a) a shock applied to data reading and writing means of performing data reading and/or writing on a predetermined recording medium, and/or (b) a shock applied to the predetermined recording medium; and

shock history data creating means of creating shock history data concerning the detected shock based on a predetermined shock level criterion relating to a level of the shock;

a shock history data memory accumulating the created shock history data;

shock history data information external output means of outputting information on the accumulated shock history data at predetermining timing; and

place detecting means of detecting a place;

wherein the shock history data creating means writes information on the detected place into the shock history data.

2.   (Cancelled).

3.   (Previously Presented) A shock history data creating apparatus according to claim 1, further comprising control means of performing control relating to the data reading and/or writing based on a plurality of operation modes,

wherein the shock level criterion is a criterion relating to a shock level determined for each of the operation modes.

4.   (Previously Presented) A shock history data creating apparatus according to claim 3, further comprising operation mode detecting means of detecting the operation mode,

wherein the shock history data creating means writes information on the detected operation mode into the shock history data.

5.   (Previously Presented) A shock history data creating apparatus according to claim 1, further comprising reading/writing position detecting means of detecting a reading/writing position of the predetermined recording medium on which the data reading or writing is performed,

wherein the shock history data creating means writes information on the detected reading/writing position into the shock history data.

6.   (Currently Amended) A shock history data creating apparatus according to claim 1, further comprising place-time detecting means of detecting a place-and/or-time,

wherein the shock history data creating means writes information on the detected place-and/or-time into the shock history data.

7.   (Previously Presented) A shock history data creating apparatus according to claim 1, further comprising shock level criterion changing means of changing the shock level criterion in accordance with an external instruction.

8.   (Previously Presented) A shock history data creating apparatus according to claim 1, wherein the shock level criterion is a criterion relating to a level of the shock determined for each of a plurality of predetermined directions.

9.   (Previously Presented) A shock history data creating apparatus according to claim 8, wherein the shock history data creating means writes information on the predetermined direction in which the shock is applied into the shock history data.

10.   (Currently Amended) A shock history data creating apparatus according to claim 8, wherein the predetermined recording medium is a hard disk,

the data reading and writing means is a hard disk drive,

the shock level criterion ~~relating to the level of the shock~~ is a threshold value corresponding to an upper limit of the level of the shock that the hard disk and the hard disk drive can endure, and

the threshold value determined with respect to a direction vertical to a surface of the hard disk is lower than the threshold value determined with respect to a direction parallel to the surface of the hard disk.

11.   (Previously Presented) A shock history data creating apparatus according to claim 1, further comprising data reading and writing inhibiting means of inhibiting data reading and/or writing when the detected shock exceeds a predetermined limit.

12.   (Currently Amended) A shock history data creating apparatus according to claim 1, further comprising:

~~a shock history data memory accumulating the created shock history data;~~

warning creating means of creating a warning relating to the detected shock based on the accumulated shock history data; and

warning external output means of outputting the created warning at predetermined timing.

13.   (Currently Amended) A shock history data creating method comprising:

a shock detecting step of detecting (a) a shock applied to data reading and writing

means of performing data reading and/or writing on a predetermined recording medium,

and/or (b) a shock applied to the predetermined recording medium; and

a shock history data creating step of creating shock history data concerning the

detected shock based on a predetermined shock level criterion relating to a level of the

shock;

a shock history data accumulating step for accumulating the created shock history

data;

an outputting step of outputting information on the accumulated shock history

data at predetermining timing; and

a place detecting step of detecting a place;

wherein the shock history data creating step includes writing information on the

detected place into the shock history data.

14.   (Currently Amended)   A computer readable medium including a program of for

causing a computer to execute the steps of:

a shock detecting step of detecting (a) a shock applied to data reading and writing

means of performing data reading and/or writing on a predetermined recording medium,

and/or (b) a shock applied to the predetermined recording medium;

a shock history data creating step, of the shock history data creating method

according to claim 13, of creating shock history data concerning the detected shock

based on a predetermined shock level criterion relating to a level of the shock;

a shock history data accumulating step for accumulating the created shock history

data; and

an outputting step of outputting information on the accumulated shock history data at predetermining timing; and

a place detecting step of detecting a place;

wherein the shock history data creating step includes writing information on the detected place into the shock history data.

15.   (Cancelled).